

IN THE CLAIMS

1. (Currently Amended) A processing apparatus comprising:

a holding member which holds and rotates [said] a target;

a first nozzle which supplies a first process solution to an edge portion of one surface of said target in a state that said holding member is holding and rotating said target;

a second nozzle which supplies a second process solution to the edge portion of one surface of said target, ~~to which surface~~ while said first nozzle is supplying ~~supplies~~ said first process solution to said one surface of said target; and

a sucking hole provided in the vicinity of the edge portion of said target, which sucks a discharge solution of said first process solution and said second process solution.

2. (Currently Amended) The processing apparatus according to claim 1, wherein said second nozzle supplies said second process solution to a downstream side position in the rotational direction of said target ~~from~~ relative to a position to which said first nozzle supplies said first process solution.

3. (Currently Amended) The processing apparatus according to claim 1, wherein said second nozzle supplies said second process solution to a ~~an outer~~ position at a greater radial distance from the center of said target than a position to which said first nozzle supplies said first process solution.

4. (Original) The processing apparatus according to claim 1, wherein said first nozzle and said second nozzle are provided at an angle of 0° to 90° with respect to one surface of said target.

5. (Original) The processing apparatus according to claim 1, wherein said first nozzle and said second nozzle are provided in the vicinity of both surfaces of said target.

6. (Currently Amended) The processing apparatus according to claim 1, wherein a plurality of each of said first nozzle, said second nozzle and said sucking hole [is] are provided around said target.

7. (Original) The processing apparatus according to claim 1, wherein said first nozzle, said second nozzle and said sucking hole are integrated, and are movable back and forth in the vicinity of the edge portion of said target at the time of processing said target.

8. (Currently Amended) A processing apparatus comprising:

a holding member which holds and rotates [[said]] a target;

a supply nozzle provided at one surface side of said target, which supplies a process solution to the one surface of said target; and

a blocking member provided in the other surface side of said target, which blocks the process solution which flows from the one surface to the other surface of said target to provide a given processing to an edge portion of the other surface.

9. (Original) The processing apparatus according to claim 8, wherein said blocking member is provided in the vicinity of the edge portion of the other surface of said target.

10. (Original) The processing apparatus according to claim 8, wherein said blocking member injects fluid to the edge portion of the other surface of said target.

11 – 15. (Canceled)

16. (Currently Amended) ~~The processing apparatus according to claim 15,~~ A processing apparatus comprising:

a holding member which holds and rotates a target;

a first nozzle which supplies a first process solution to a central portion of a surface of said target in a state that said holding member is holding and rotating said target;

a second nozzle which supplies a second process solution to an edge portion of the surface of said target while said first nozzle is supplying said first process solution to said one surface of said target; and

a third nozzle having: a plurality of pipes radially provided on the same plane and through which a process solution flows; and a plurality of holes in each of said pipes, provided at the side opposite to one surface of said target, through which said process solution is supplied to the surface of said target;

wherein the diameter of ~~each of said hole is increased~~ said holes increases from one end of each said pipe to the other end of each said pipe.

17. (Currently Amended) A processing system including:

a transfer device which transfers a target; and

a processing apparatus which provides predetermined processing to said target transferred to said processing apparatus by said transferring device;

said processing [device] apparatus comprising:

a holding member which holds and rotates said target;

a first nozzle which supplies a first process solution to an edge portion of one surface of said target in a state that said holding member is holding and rotating said target;

a second nozzle which supplies a second process solution to the edge portion of one surface of said target, ~~to which surface~~ while said first nozzle is supplying ~~supplies~~ said first process solution to said one surface of said target; and

a sucking hole provided in the vicinity of the edge portion of said target, which sucks a discharge solution of said first process solution and said second process solution.

18. (Currently Amended) The processing system according to claim 17, wherein said second nozzle supplies said second process solution to a downstream position in the rotational direction of said target ~~from~~ relative to a position to which said first nozzle supplies said first process solution.

19. (Original) The processing system according to claim 17, wherein said second nozzle supplies said second process solution to a ~~an outer~~ position at a

greater radial distance from the center of said target than a position to which said first nozzle supplies said first process solution.

20. (Original) The processing system according to claim 17, wherein said first nozzle and said second nozzle are provided at an angle of 0° to 90° with respect to one surface of said target.

21. (Original) The processing system according to claim 17, wherein said first nozzle and said second nozzle are provided in the vicinity of both surfaces of said target.

22. (Currently Amended) The processing system according to claim 17, wherein a plurality of each of said first nozzle, said second nozzle and said sucking hole [is] are provided around said target.

23. (Original) The processing system according to claim 17, wherein said first nozzle, said second nozzle and said sucking hole are integrated, and are movable back and forth in the vicinity of the edge portion of said target at the time of processing said target.

24. (Currently Amended) A processing system including:
a transfer device which transfers a target; and
a processing apparatus which provides predetermined processing to said target transferred to said processing apparatus by said transferring device;
said processing ~~device~~ apparatus comprising:
a holding member which holds and rotates said target;

a supply nozzle provided at one surface side of said target, which supplies a process solution to the one surface of said target; and

a blocking member provided at the other surface side of said target, which blocks the process solution which flows from the one surface to the other surface of said target to provide a given processing to an edge portion of the other surface.

25. (Original) The processing system according to claim 24, wherein said blocking member is provided in the vicinity of the edge portion of said other surface of said target.

26. (Original) The processing system according to claim 24, wherein said blocking member injects fluid to the edge portion of said other surface of said target.

27 – 31. (Canceled)

32. (Currently Amended) ~~The processing system according to claim 31, A~~
processing system including:

a transfer device which transfers a target; and

a processing apparatus which provides predetermined processing to the target transferred to said processing apparatus by said transferring device;

said processing device comprising:

a holding member which holds and rotates said target;

a first nozzle which supplies a first process solution to a central portion of a surface of said target in a state that said holding member is holding and rotating said target;

a second nozzle which supplies a second process solution to an edge portion of the surface of said target while said first nozzle is supplying said first process solution to said one surface of said target; and

a third nozzle having a plurality of pipes radially provided on the same plane and through which a process solution flows; and a plurality of holes in each of said pipes, provided at the side opposite to one surface of said target, through which said process solution is supplied to the surface of said target,

wherein the diameter of ~~each of said hole is increased~~ said holes increases from one end of each said pipe to the other end of each said pipe.

33. (Currently Amended) A processing method comprising the steps of:

supplying a first process solution to one edge portion of a target in a state that said target is rotating;

supplying a second process solution to a downstream position relative to from a position to which said first process solution is supplied, wherein said second process solution is supplied to said downstream position while said first nozzle is supplying ~~supplies~~ said first process solution to the edge portion of said target; and

sucking atmosphere in the vicinity of the edge portion of said target to which said first and second process solutions are supplied.

34. (Canceled)

35. (New) The processing apparatus according to claim 1, wherein said first process solution and said second process solution comprise different types of process solutions.

36. (New) The processing apparatus according to claim 1, wherein said first process solution comprises hydrogen peroxide and said second process solution comprises hydrofluoric acid.

37. (New) The processing system according to claim 17, wherein said first process solution and said second process solution comprise different types of process solutions.

38. (New) The processing method according to claim 33, wherein said first process solution and said second process solution comprise different types of process solutions.